

FIG. 1

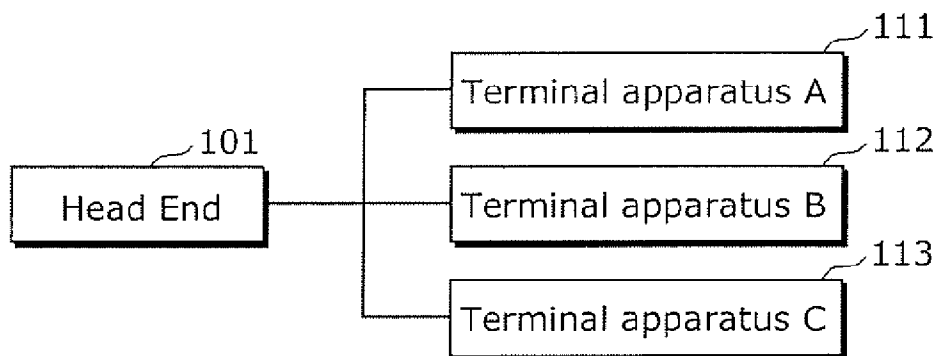


FIG. 2

Frequency band	Usage	Modulation technique
5~130MHz	Out Of Band (OOB) Data exchange between head end and terminals	QPSK
130~864MHz	In-band Ordinary television broadcasting including video and audio	QAM

FIG. 3

Frequency band	Usage
70~74MHz	Data transmission from head end 101 to terminal apparatuses
10.0~10.1MHz	Data transmission from terminal apparatus A111 to head end 101
10.1~10.2MHz	Data transmission from terminal apparatus B112 to head end 101
10.2~10.3MHz	Data transmission from terminal apparatus C113 to head end 101

FIG. 4

Frequency band	Usage
150~156MHz	Television channel 1
156~162MHz	Television channel 2
⋮	⋮
310~311MHz	Radio channel 1
⋮	⋮

FIG. 5

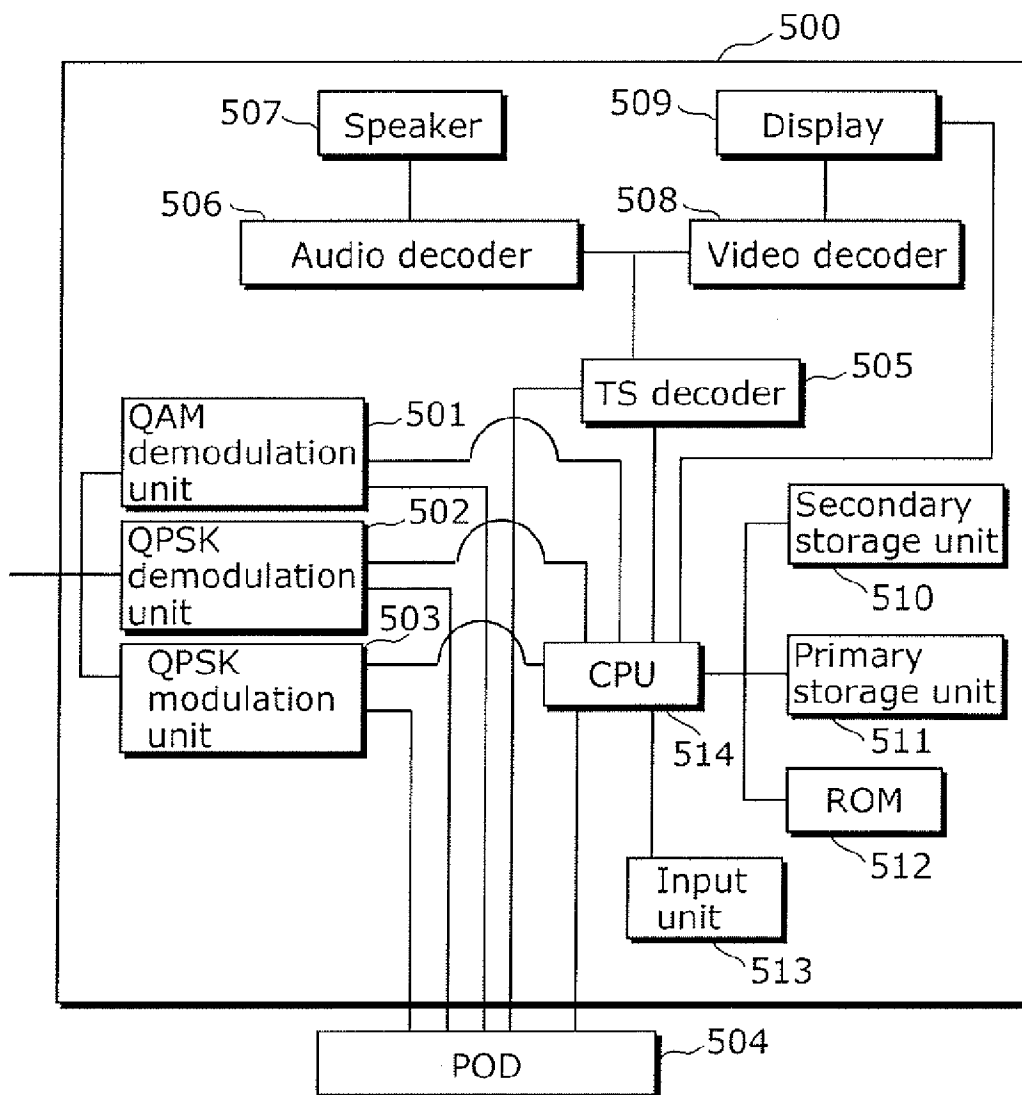


FIG. 6

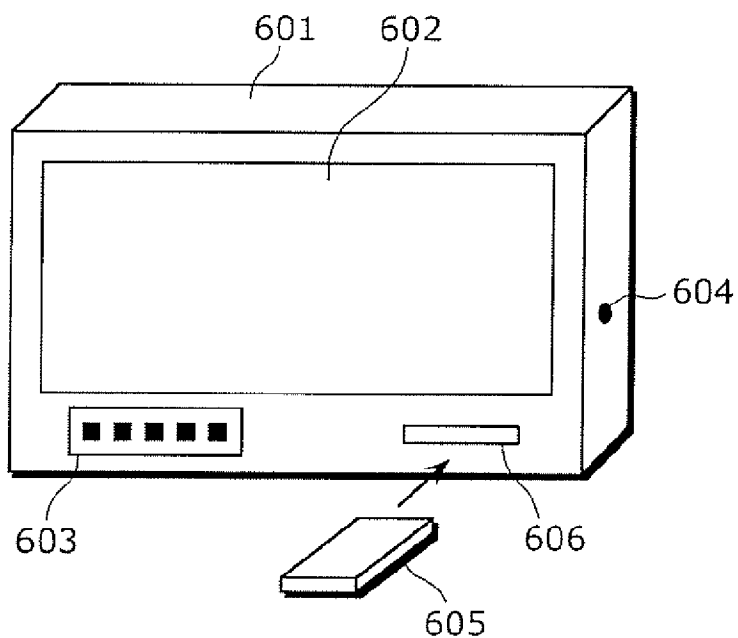


FIG. 7

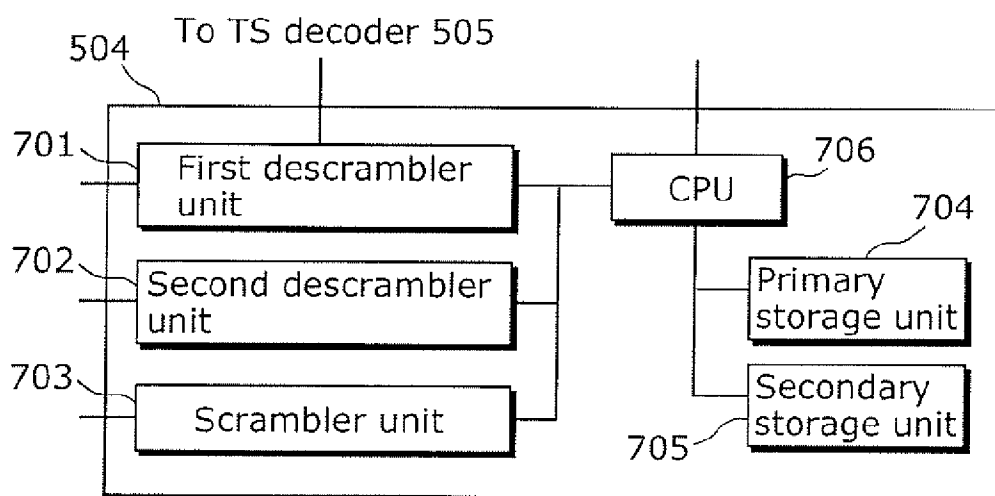


FIG. 8

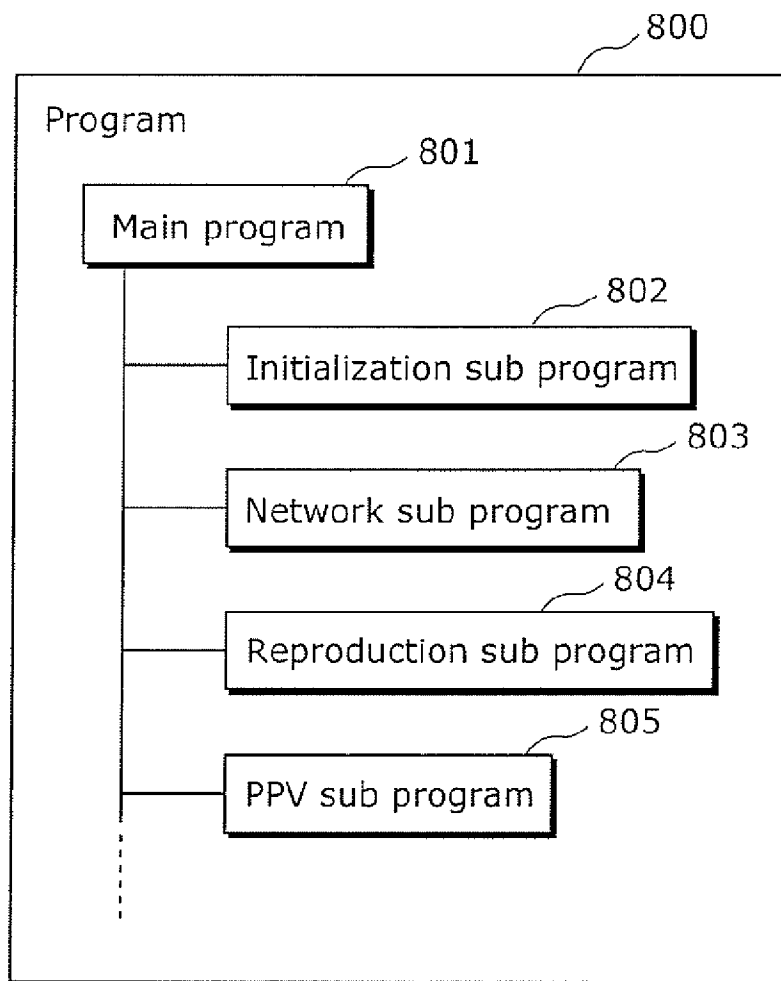


FIG. 9

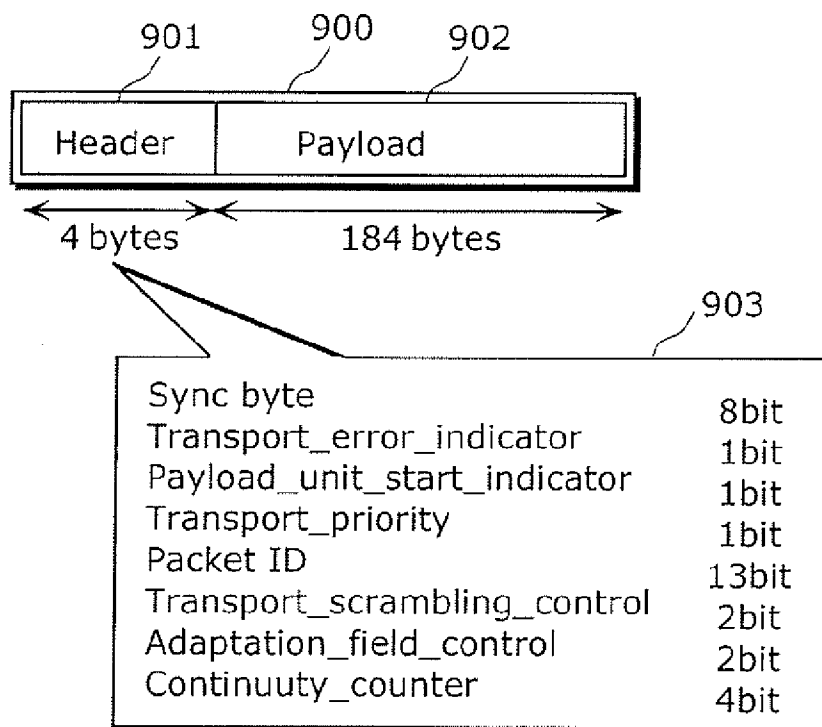


FIG. 10

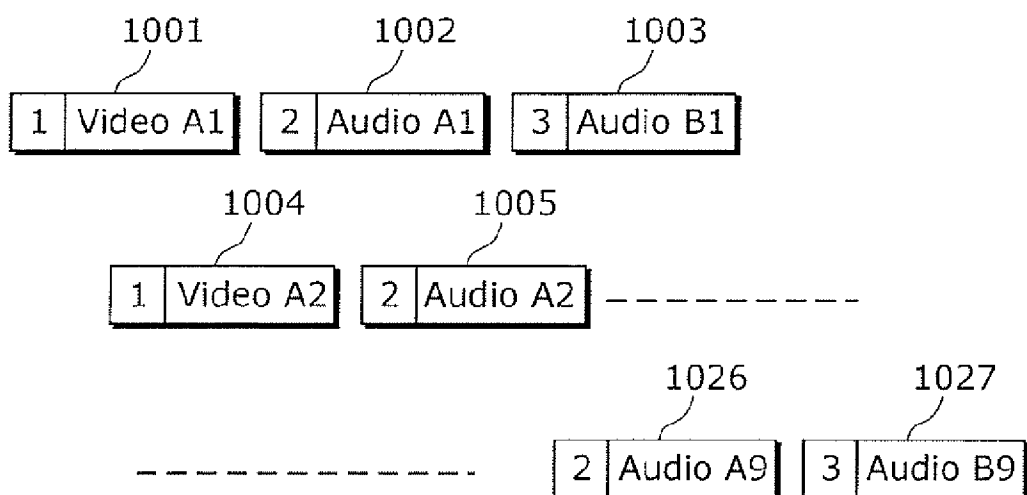


FIG. 11

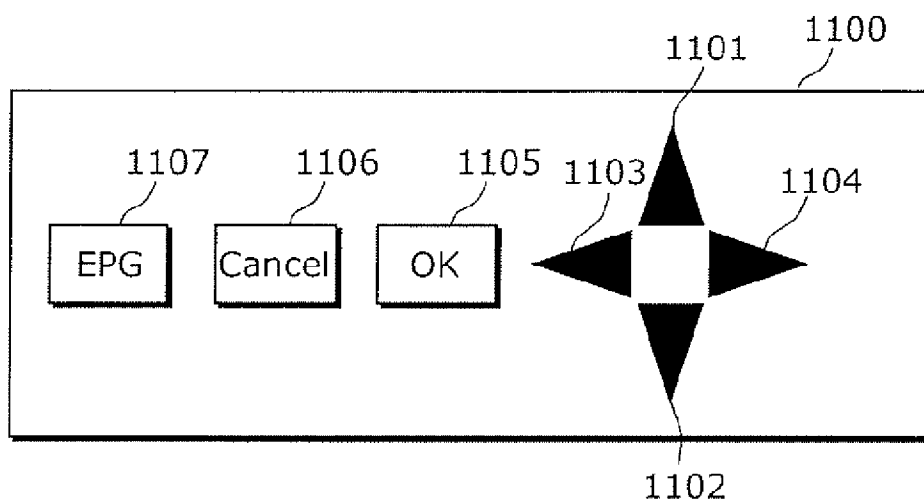


FIG. 12

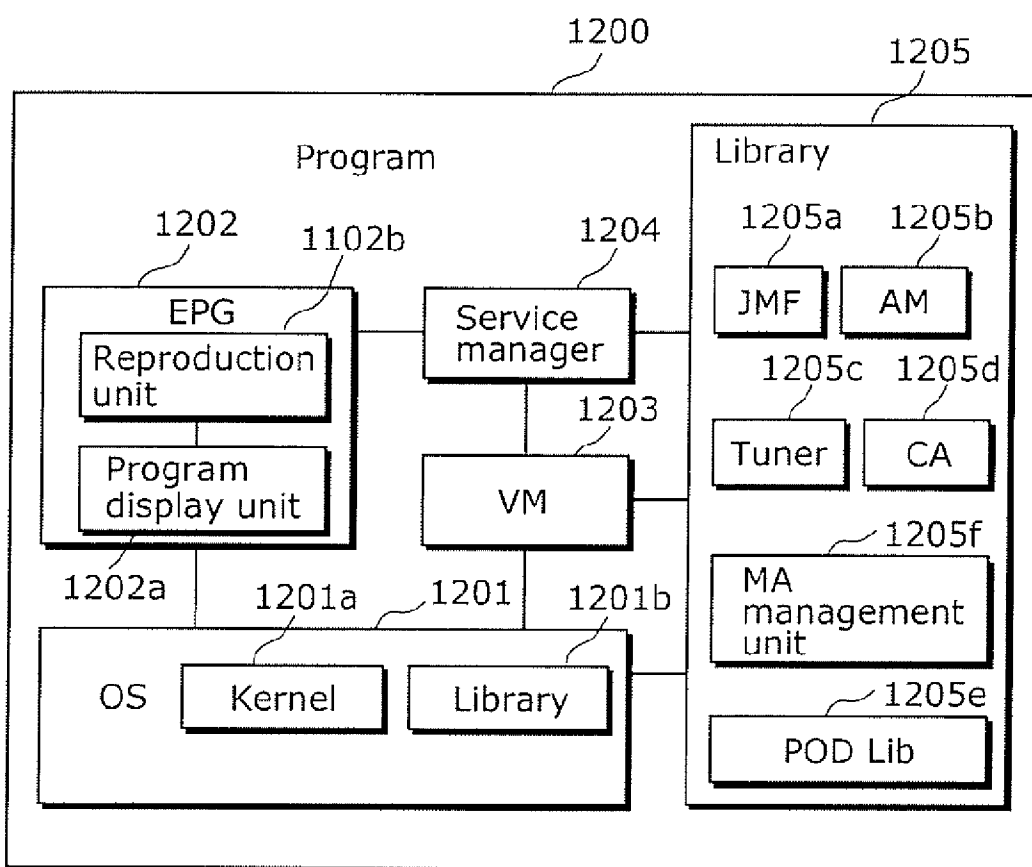


FIG. 13(a)

Time	Channel 1	Channel 2
9:00-10:00	News 9	Cinema BBB
10:00-11:00		
11:00-12:00	Cinema AAA	News 11

FIG. 13(b)

Time	Channel 1	Channel 2
9:00-10:00	News 9	Cinema BBB
10:00-11:00		
11:00-12:00	Cinema AAA	News 11

FIG. 14

1401	1402	1403	1404
1	Channel 1	150MHz,....	101
2	Channel 2	156MHz,....	102
3	TV3	216MHz,....	103
4	TV Japan	222MHz,....	104

FIG. 15

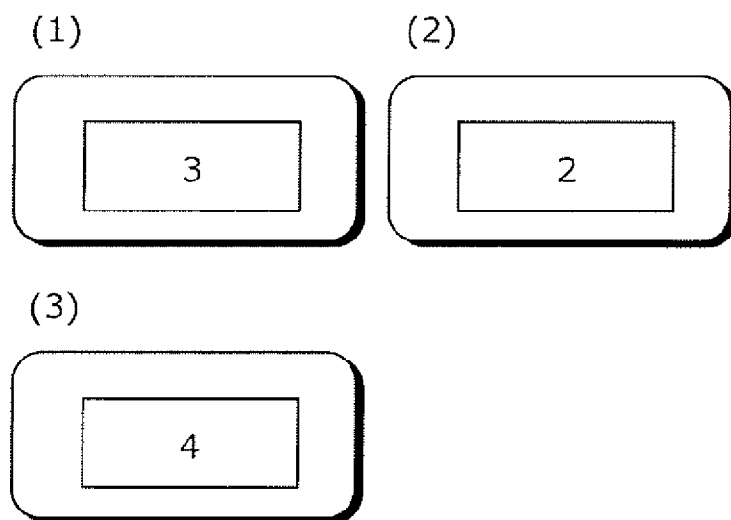


FIG. 16

	1601	1602
1611	101	501
1612	102	502
1613	103	503

FIG. 17

	1701	1702	1703
1711	Audio	5011	
1712	Video	5012	
1713	Data	5013	AIT
1714	Data	5014	DSMCC[1]

FIG. 18

	1801	1802	1803	1804
1811	301	autostart	1	/a/TopXlet
1812	302	present	1	/b/GameXlet

FIG. 19

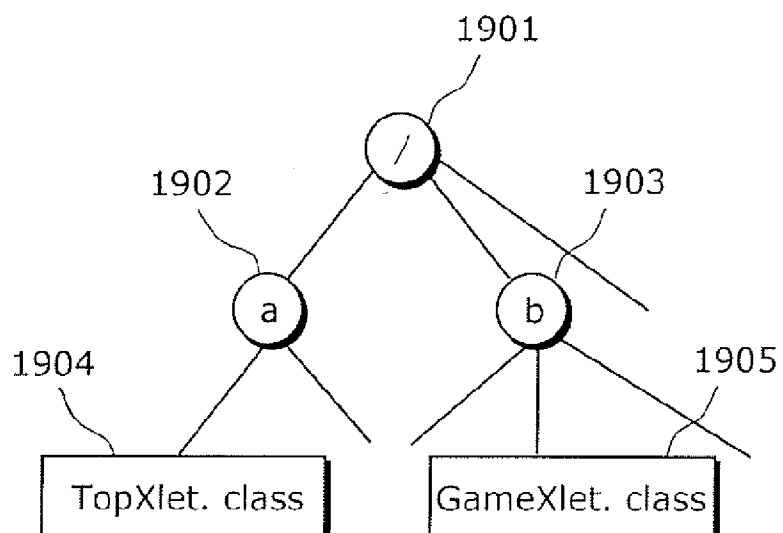


FIG. 20

	1801	1802	1803	1804	2005
1811	301	autostart	1	/a/MA1	1
1812	302	present	1	/b/MA2	2

FIG. 21

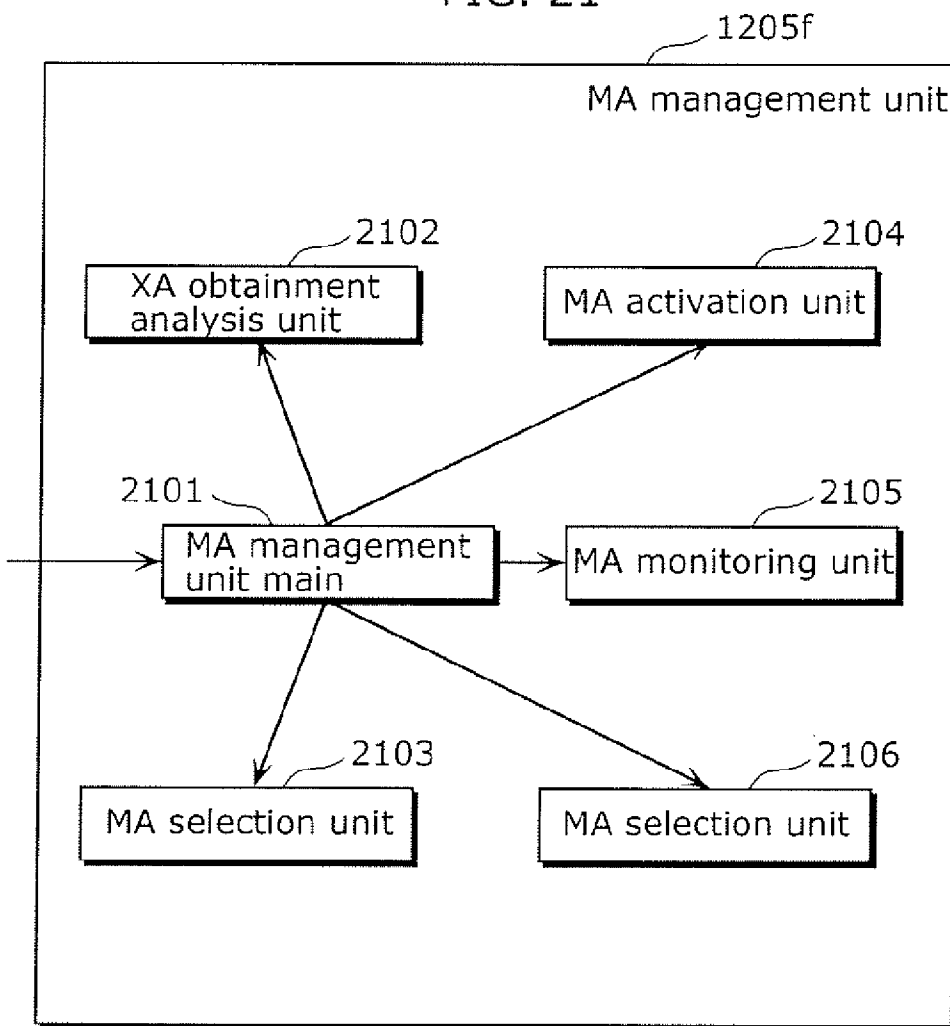


FIG. 22

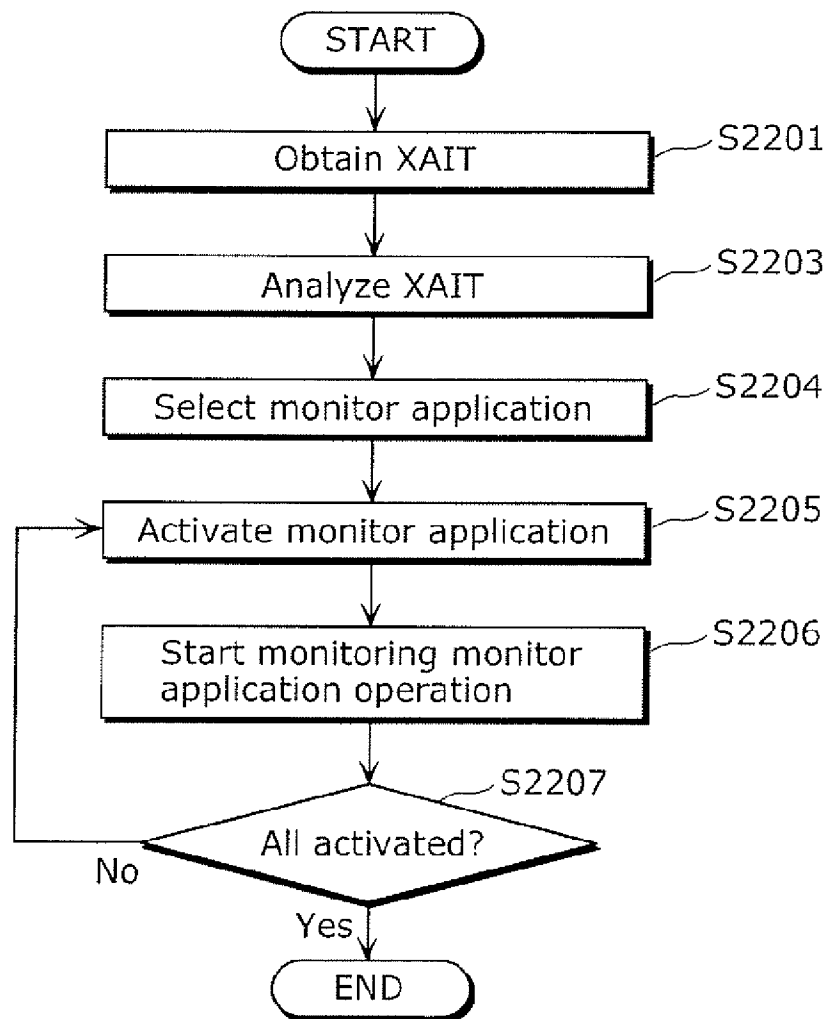


FIG. 23

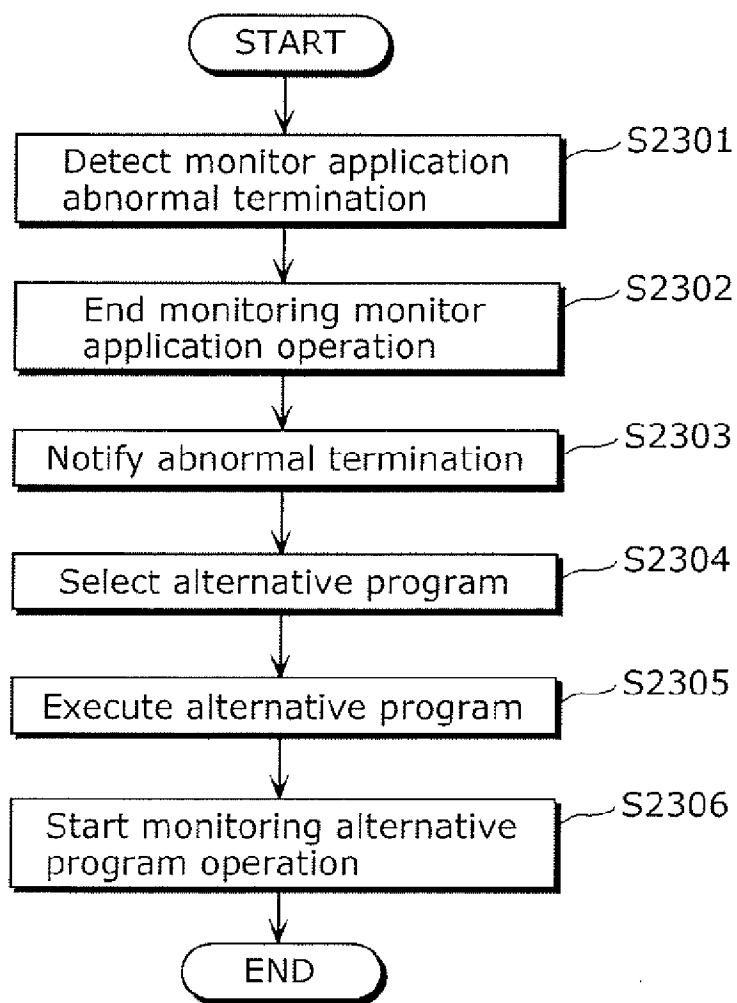


FIG. 24

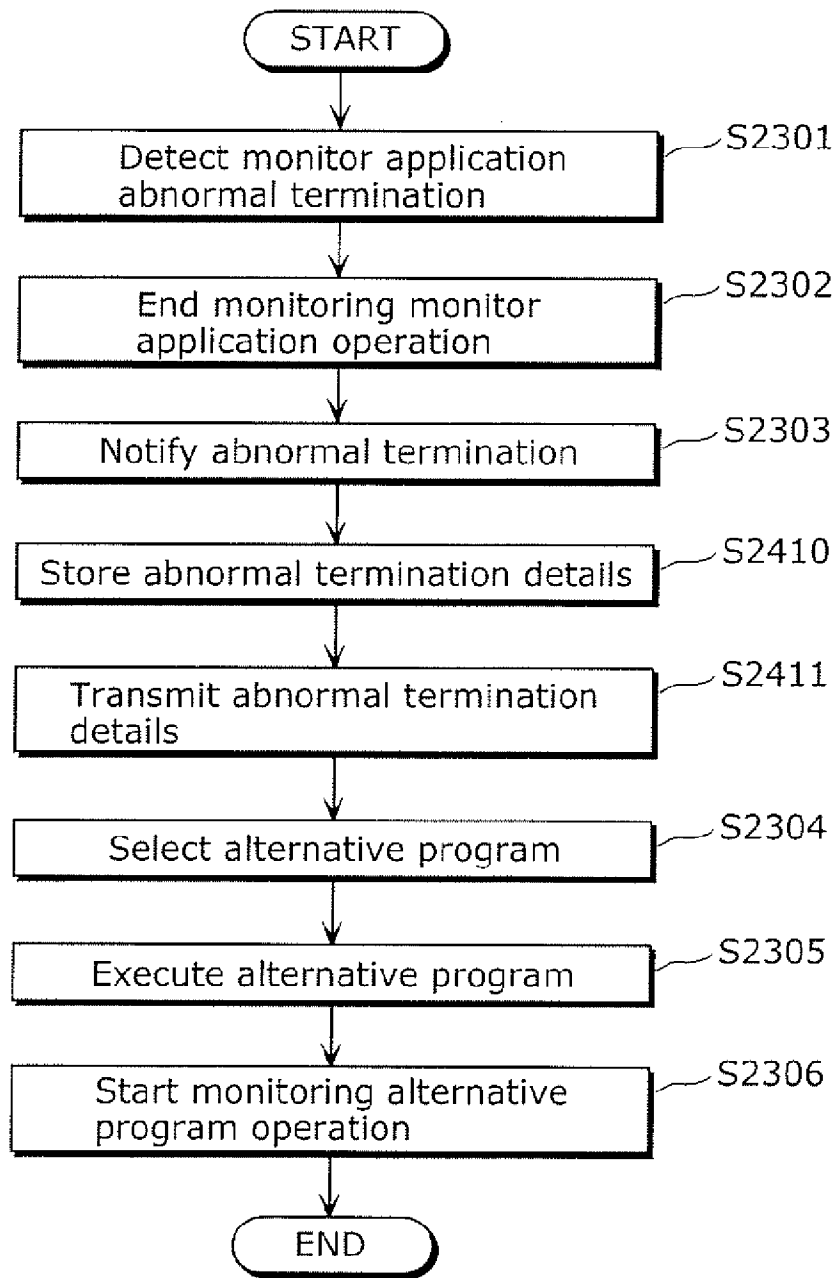


FIG. 25

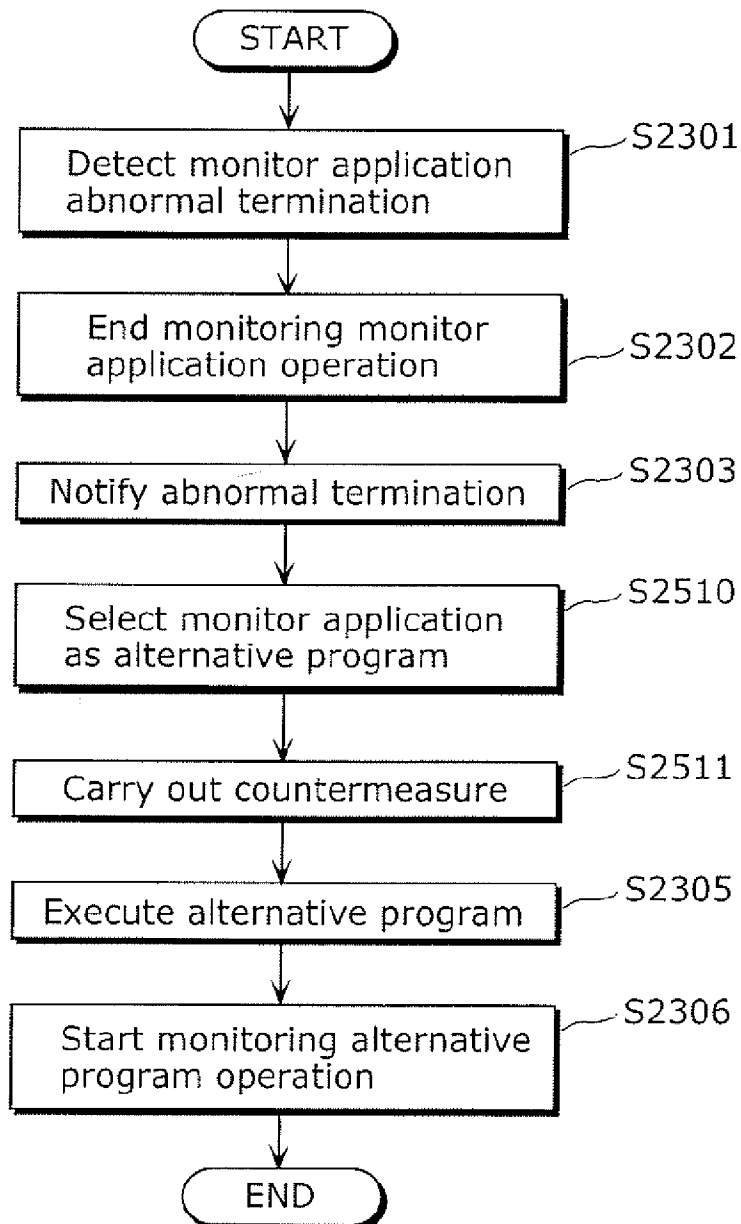


FIG. 26(a)

	2601	2602
2611	301	0
2612	302	0

FIG. 26(b)

	2601	2602
2611	301	1
2612	302	0

FIG. 26(c)

	2601	2602
2611	301	2
2612	302	0

FIG. 27

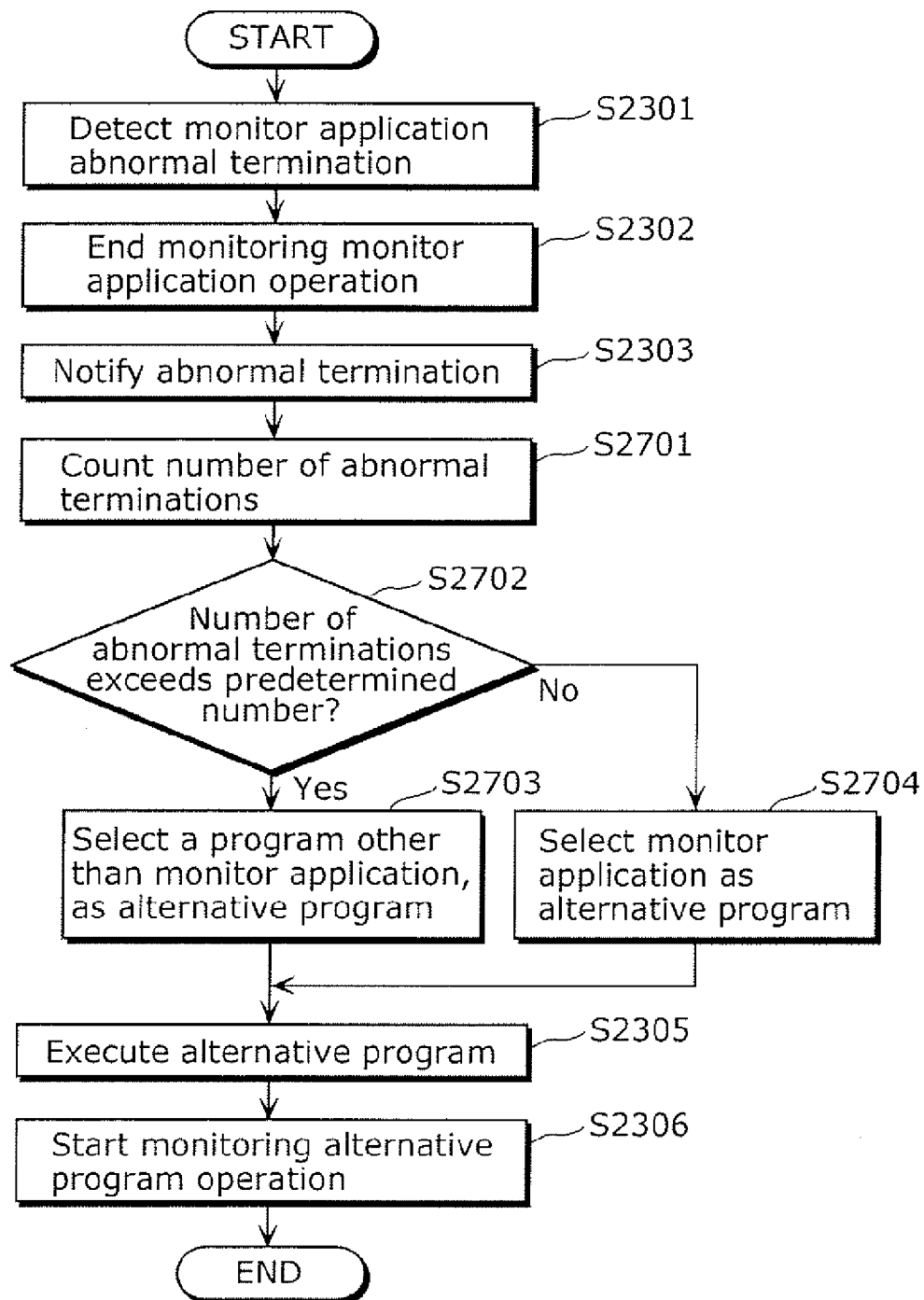


FIG. 28

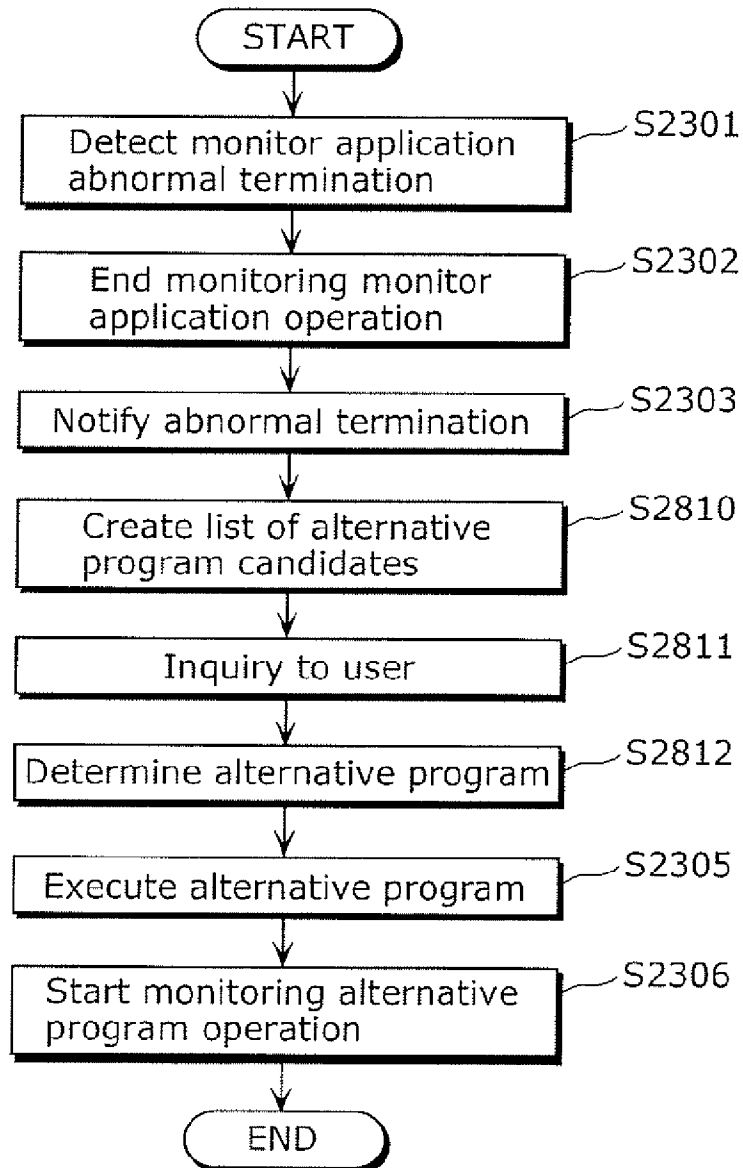


FIG. 29

	2901	2902
2911	301	MA1
2912	302	EPG

FIG. 30

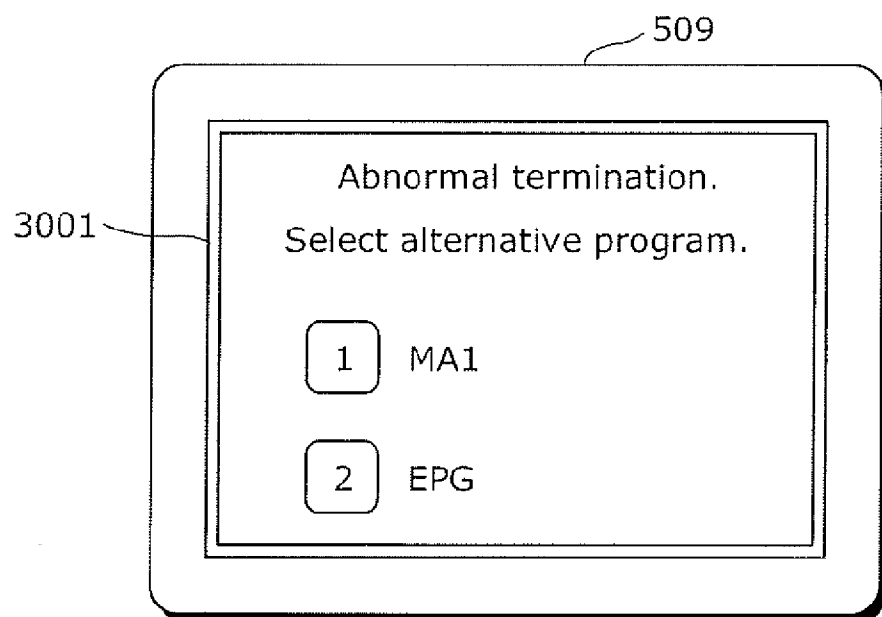


FIG. 31

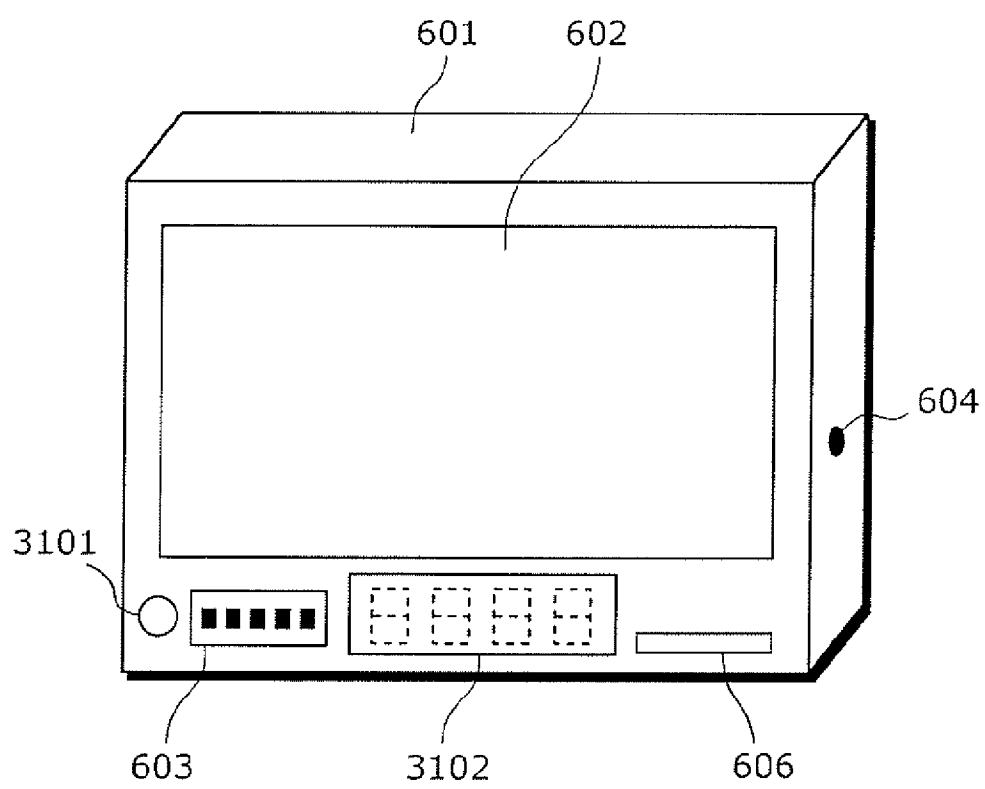


FIG. 32

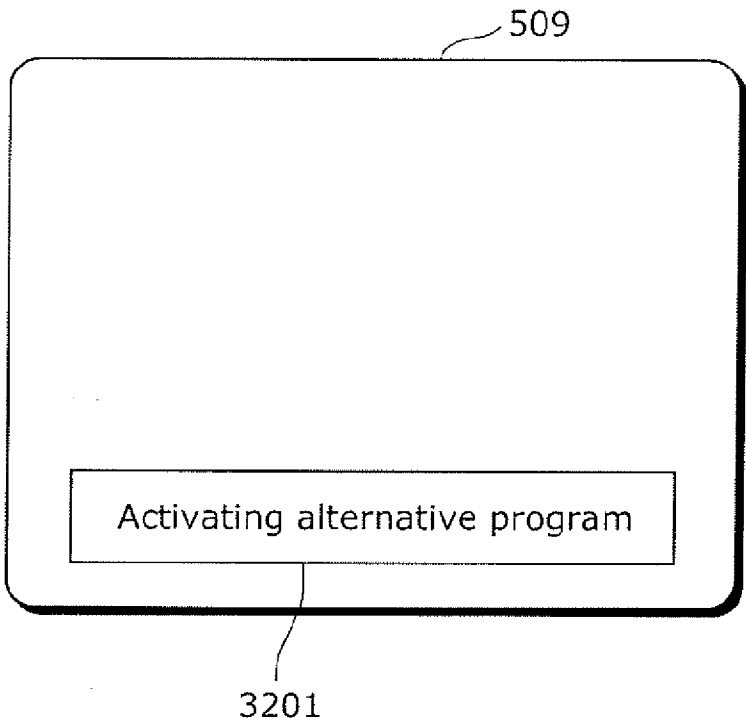


FIG. 33

	1801	1802	1803	1804	2005
3311	701	autostart	1	/a/PPV1Xlet	1
3312	702	present	1	/b/PPV2Xlet	2

FIG. 34

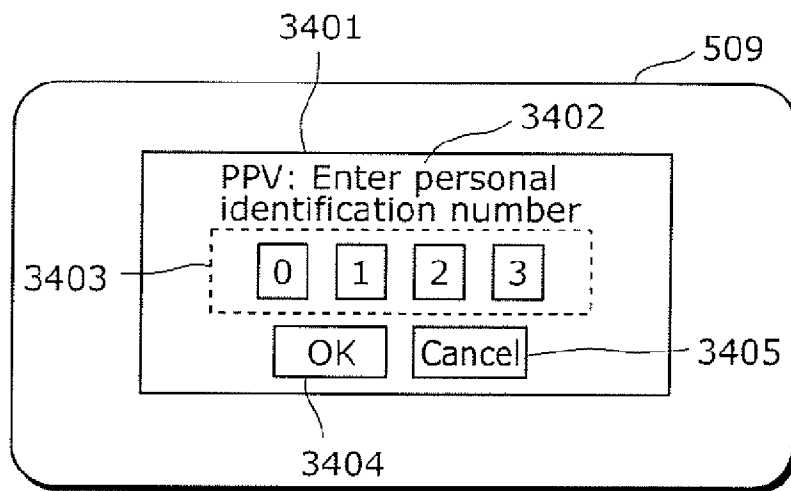


FIG. 35

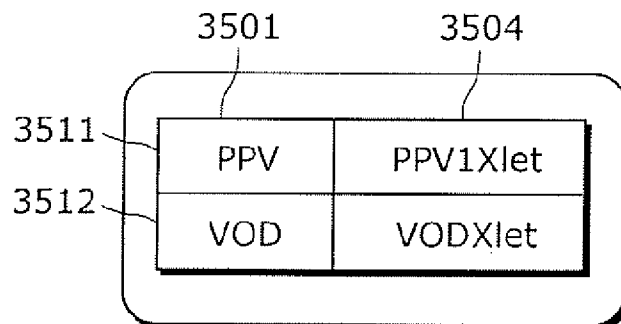


FIG. 36

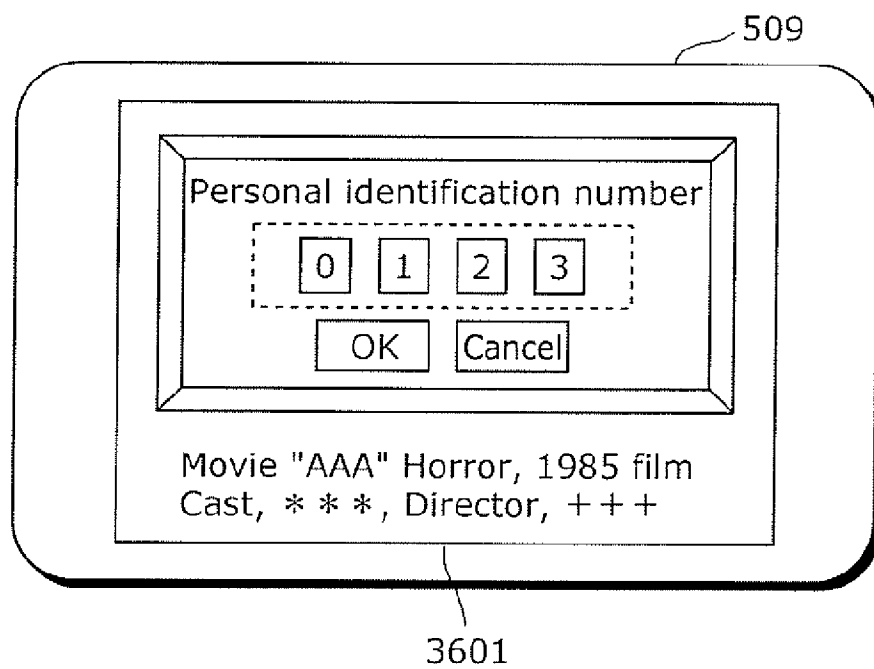


FIG. 37

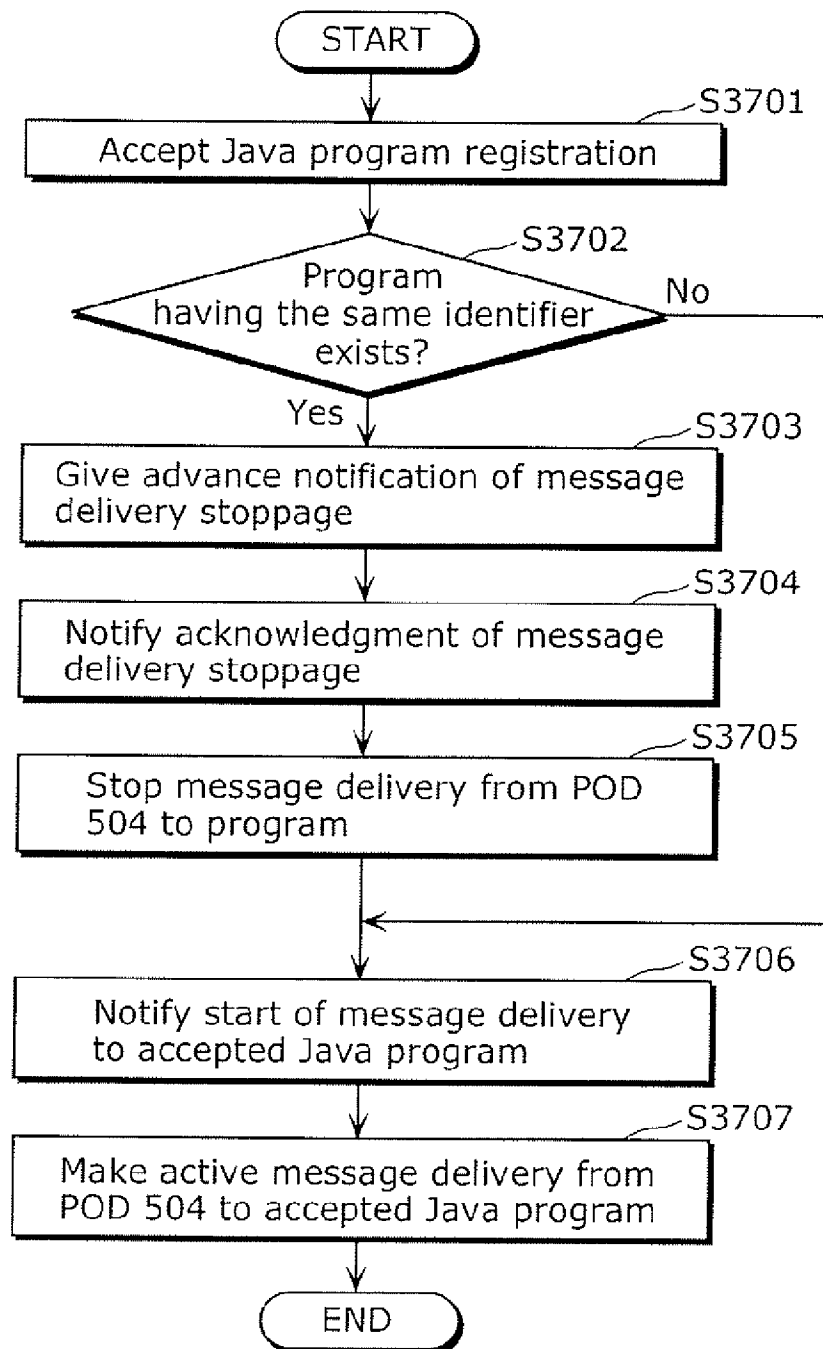


FIG. 38(a)

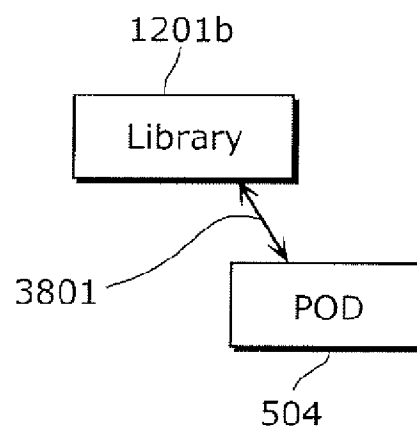


FIG. 38(b)

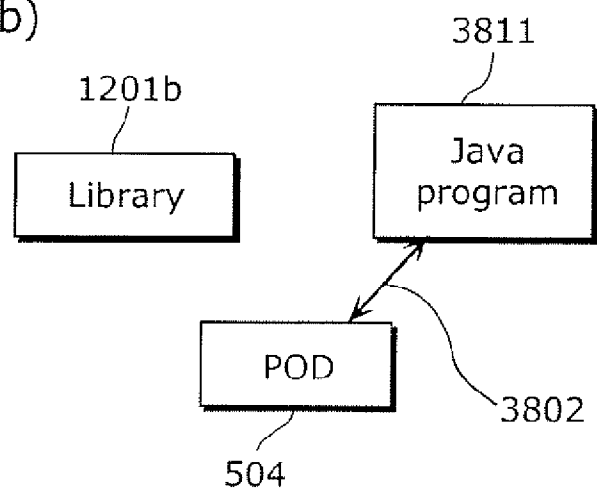


FIG. 39(a)

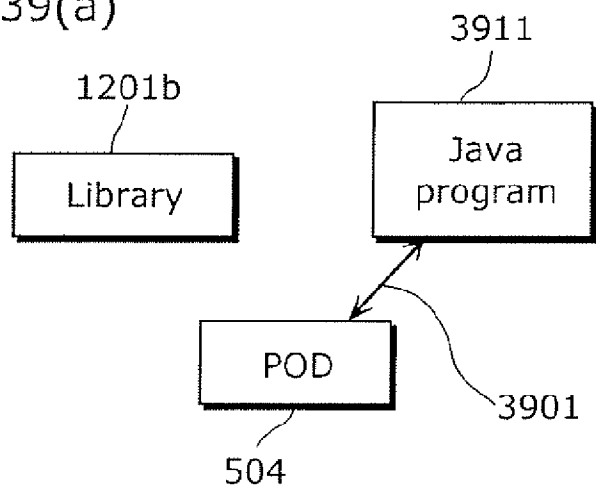


FIG. 39(b)

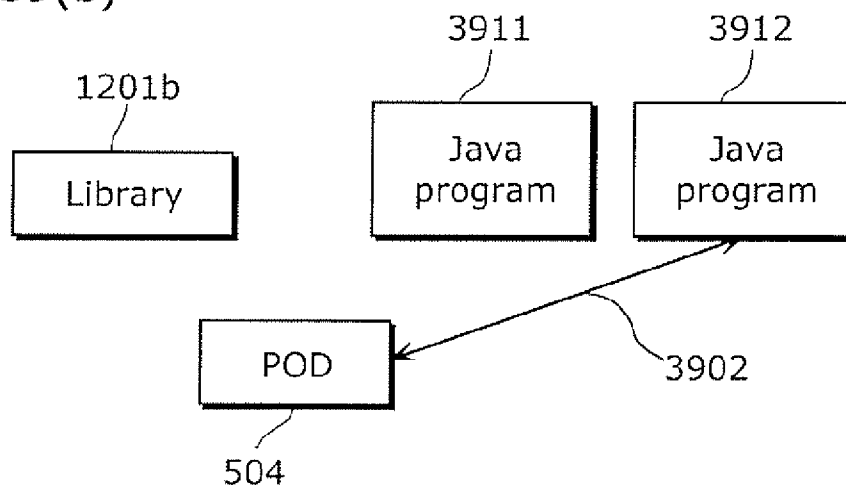


FIG. 40

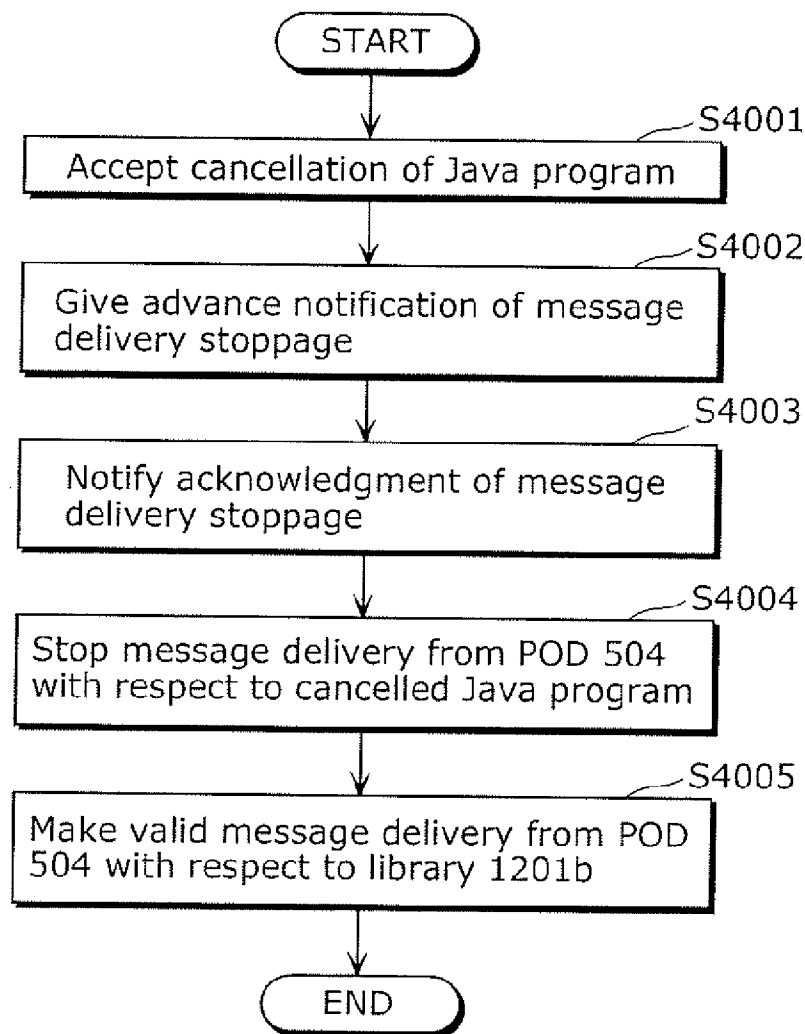


FIG. 41

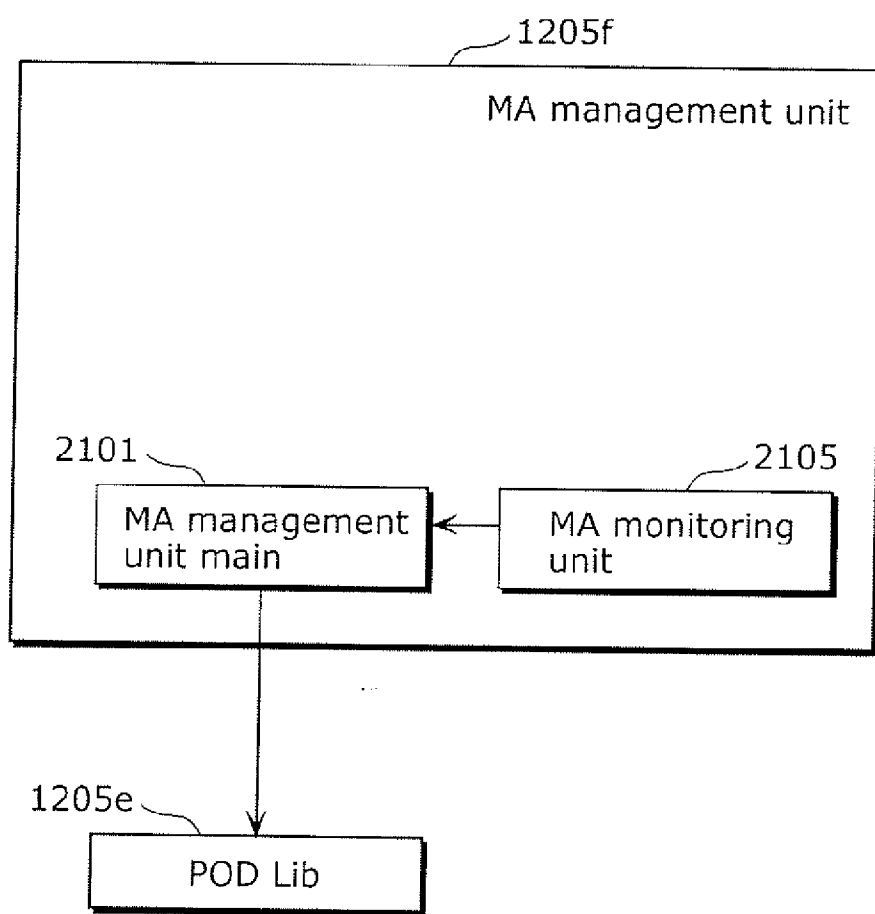


FIG. 42

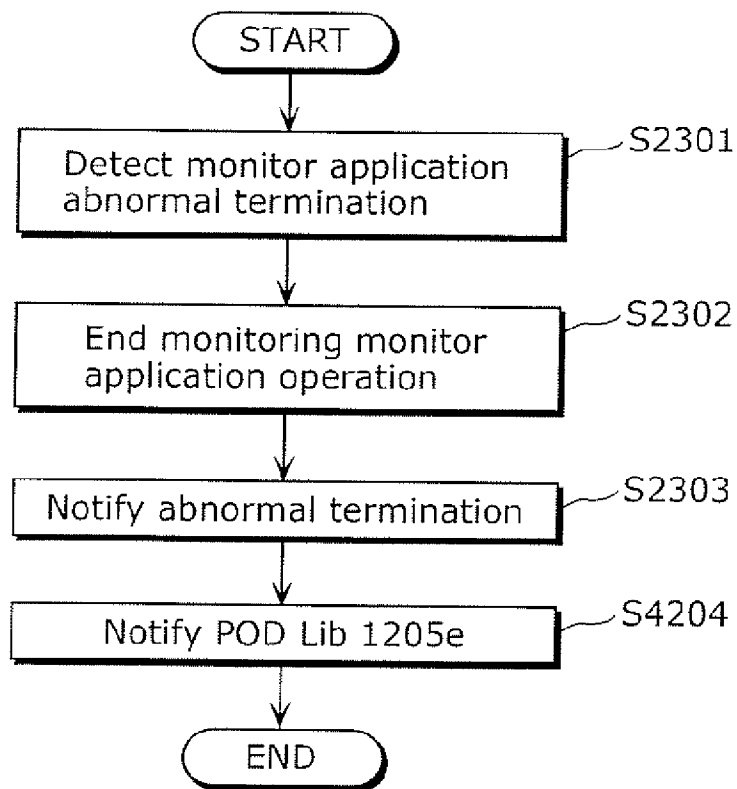


FIG. 43

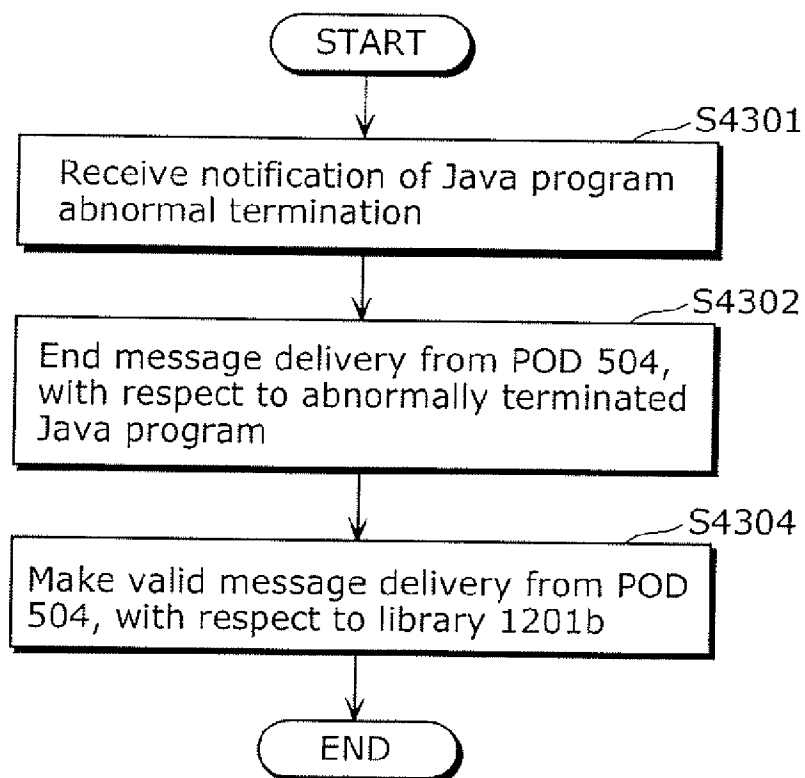


FIG. 44

